

ERGONOMIC ASSESSMENT

by Andrew Wilson, Osteopath & Ergonomist

KONFURB FLX Chair

Seat Profile: 18 (20)

A moulded polypropylene seat on a steel frame. 450mm D x 410mm W. It has a restrained side to side contour with minimal front to back contour. The rear 30cms of the seat reverse tilts about 5 degrees. This flattens out going forward, finishing in a steep waterfall edge at the front 5cms. It is comfortable and supportive with no pressure points

Backrest Profile: 14 (20)

The back rest starts 12cms above the seat with about 30cms depth. It is very curved top to bottom and side to side. Its dramatic curve limits the contact area of the trunk to about 15cms creating a pressure area. It doesn't support the lumbar spine or pelvis.

Comfort: Forward Posture: 8 (10)

The generous forward tilt does allow a forward sloping thigh and encourages an open hip angle. It is comfortable for using a laptop or for eating.

Comfort: Centre Posture: 7 (10)

The centre posture is comfortable on the seat with no pressure points. It does create some pressure on the limited contact area of the backrest.

Comfort: Reclined Posture: 7 (10)

The reclined posture is available by sliding forward in the seat which remains comfortable with no pressure points. The trunk moves to the upper third of the back rest which, while it curves away, does create a zone of pressure in the mid back with no low back support.

Dynamic Rating: 7 (10)

The polypropylene shell is rigid with no flex. The curved seat and backrest do allow and encourage a variety of postures. The integral arm rests do allow some side-to-side variations of supported posture.

Anthropometrics: 8 (10)

It is a versatile, sturdy chair that will suit a wide range of users.

Ease of Use: 9 (10)

It is easy to get on and off. The built-in arms assist in this. It allows variations of posture. It comes on wheels which make it very mobile and easy to handle. The seat tilts easily, and it stacks nicely making it a very versatile and portable chair for multi-use spaces.

Total Score: 78 (100)

Summary:

A sturdy, versatile chair ideal for use in multiple spaces. It is lightweight, on castors, and easily stackable.